

### ***ABSTRACT OF THE DISCLOSURE***

The present invention is directed to a textured bone allograft for implantation in a patient, having one or more textured bone surfaces, and methods of making and using the textured bone graft. The textured surface preferably includes a plurality of closely spaced discrete, continuous, or a combination thereof, protrusions. The textured bone allograft is useful for repairing bone defects caused by congenital anomaly, disease, or trauma, in a patient, for example, for restoring vertical support of the anterior column. Implantation of the textured bone allograft results in improved graft stability and osteoinductivity, without a decrease in mechanical strength. The textured bone allograft does not shift, extrude or rotate, after implantation.

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